

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2010 Levee Inspection Results

Reclamation District No. 0537 Lovdal

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 0537 Lovdal

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	4.76
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/12/2010 - 5/12/2010			
DWR Inspector	John Williamson			
Accompanied By	Jim Eckman			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0537 Lovdal

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River						Right	4.76	05/12/2010 05/12/2010	John Williamson

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	0.01	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: stump	38.643080 ° -121.584260 °	38.643080 ° -121.584260 °	963
2	0.01	0.01	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: stumps 2ea	38.643194 ° -121.583995 °	38.643194 ° -121.583995 °	962
3	0.03	0.03	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: stump	38.643349 ° -121.583670 °	38.643349 ° -121.583670 °	961
4	0.05	0.05	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: stump	38.643480 ° -121.583419 °	38.643480 ° -121.583419 °	960
5	0.06	0.06	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: stump	38.643578 ° -121.583248 °	38.643578 ° -121.583248 °	959
6	0.12	0.12	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: stump	38.644048 ° -121.582512 °	38.644048 ° -121.582512 °	958
7	0.13	0.13	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: stump	38.644138 ° -121.582375 °	38.644138 ° -121.582375 °	957
8	0.15	0.15	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: stump	38.644471 ° -121.581847 °	38.644471 ° -121.581847 °	956
9	0.21	0.21	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: stump levee slope	38.644849 ° -121.581221 °	38.644849 ° -121.581221 °	955
10	0.72	0.72	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.647903 ° -121.573190 °	38.647903 ° -121.573190 °	954
11	0.77	0.77	Earthen Levee	Encroachments	LS	M	Prunings	38.647574 ° -121.572431 °	38.647574 ° -121.572431 °	2 Y
12	1.06	1.06	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.644884 ° -121.568090 °	38.644884 ° -121.568090 °	4 Y
13	1.24	3.48	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.642832 ° -121.566513 °	38.611281 ° -121.561928 °	15
14	1.93	1.93	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.633141 ° -121.564497 °	38.633141 ° -121.564497 °	5 Y
15	1.94	2.11	Earthen Levee	Vegetation	LS	W	Control annual grass and weeds on the levee slopes and easements.	38.632859 ° -121.564506 °	38.630553 ° -121.564239 °	964
16	2.31	2.47	Earthen Levee	Vegetation	LS	W	Control annual grass and weeds on the levee slopes and easements.	38.627704 ° -121.563917 °	38.625574 ° -121.563733 °	965
17	2.58	2.64	Earthen Levee	Encroachments	LS	PO	Landscaping	38.623988 ° -121.563663 °	38.623067 ° -121.563580 °	1

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0537 Lovdal

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Right	4.76	05/12/2010 05/12/2010	John Williamson	
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	2.94	2.96	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Arundo starting to creep up levee slope	38.618885 ° -121.563377 °	38.618490 ° -121.563382 °	3
19	3.12	3.18	Earthen Levee	Vegetation	LS	W	Control annual grass and weeds on the levee slopes and easements.	38.616249 ° -121.563236 °	38.615449 ° -121.563129 °	966
20	3.58	3.67	Earthen Levee	Vegetation	WS	W	Remove the wild growth other than native grasses from the levee slopes.	38.609995 ° -121.561103 °	38.608902 ° -121.560347 °	9
21	3.67	3.67	Earthen Levee	Encroachments	WS	M	Prunings	38.608851 ° -121.560273 °	38.608851 ° -121.560273 °	14 Y
22	4.18	4.37	Earthen Levee	Encroachments	WS	CO	Buildings	38.602763 ° -121.555458 °	38.600690 ° -121.553187 °	8
23	4.28	4.31	Supplemental Survey	USACE Erosion	WS	M	Inspector Comments: 2009: 15 ft berm, 1.5:1 slope, tree hazards and slumping, clays and silts, 2.87 ft/s [2009 SiteID:SAC_63-0_R]	38.602142 ° -121.553839 °	38.601747 ° -121.553531 °	18 Y
24	4.34	4.38	Supplemental Survey	USACE Erosion	WS	U	Inspector Comments: 2009: 10 ft berm, 1:1 slope, tree hazards and slumping, clays and silts, 3.08 ft/s [2009 SiteID:SAC_62-9_R]	38.601389 ° -121.553250 °	38.600908 ° -121.552814 °	19 Y
25	4.38	4.53	Earthen Levee	Vegetation	WS	W	Remove the wild growth other than native grasses from the levee slopes.	38.600657 ° -121.553082 °	38.598918 ° -121.551242 °	7
26	4.41	4.41	Earthen Levee	Encroachments	WS	M	Prunings	38.600233 ° -121.552578 °	38.600233 ° -121.552578 °	13 Y
27	4.43	4.43	Earthen Levee	Encroachments	LS	M	Debris	38.599926 ° -121.552352 °	38.599926 ° -121.552352 °	6 Y
28	4.48	4.53	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.599469 ° -121.551813 °	38.598842 ° -121.551131 °	953
29	4.51	4.51	Earthen Levee	Encroachments	WS	M	Prunings	38.599115 ° -121.551412 °	38.599115 ° -121.551412 °	12 Y
30	4.56	4.56	Earthen Levee	Encroachments	WS	M	Prunings	38.598622 ° -121.550905 °	38.598622 ° -121.550905 °	11 Y
31	4.74	4.74	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.596958 ° -121.548052 °	38.596958 ° -121.548052 °	10 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.76	05/12/2010 05/12/2010	John Williamson

Levee Mile Report Line	11
Start Levee Mile	0.77
End Levee Mile	0.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments

branches lying on shoulder

johngw_s_20100512_168.jpg



Levee Mile Report Line	11
Start Levee Mile	0.77
End Levee Mile	0.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments

tree branches along shoulder

johngw_s_20100518_180.jpg



Levee Mile Report Line	12
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

trees needed to be raised

johngw_s_20100512_169.jpg



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Tuesday, July 06, 2010 15:18

FINAL DATA

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.76	05/12/2010 05/12/2010	John Williamson

Levee Mile Report Line	14
Start Levee Mile	1.93
End Levee Mile	1.93
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

trees need to be raised to 5'

johnwgw_s_20100512_170.jpg



Levee Mile Report Line	21
Start Levee Mile	3.67
End Levee Mile	3.67
Location	Water Side
Category	Earthen Levee
Item	Encroachments

piles of prunnings

johnwgw_s_20100512_176.jpg



Levee Mile Report Line	23
Start Levee Mile	4.28
End Levee Mile	4.31
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: 15 ft berm, 1.5:1 slope, tree hazards and slumping, clays and silts, 2.87 ft/s [2009 SiteID:SAC_63-0_R]

USACE2009_SAC_63-0_R_2009_09_17-D3P03_small.JPG



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.76	05/12/2010 05/12/2010	John Williamson

Levee Mile Report Line	24
Start Levee Mile	4.34
End Levee Mile	4.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1:1 slope, tree hazards and slumping, clays and silts, 3.08 ft/s [2009 SiteID:SAC_62-9_R]	
USACE2009_SAC_62-9_R_2009_09_17-D3P06_small.JPG	



Levee Mile Report Line	26
Start Levee Mile	4.41
End Levee Mile	4.41
Location	Water Side
Category	Earthen Levee
Item	Encroachments
piles of prunings	
johnwg_s_20100512_175.jpg	



Levee Mile Report Line	27
Start Levee Mile	4.43
End Levee Mile	4.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments
asphalt and railroad rails	
johnwg_s_20100512_171.jpg	

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Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.76	05/12/2010 05/12/2010	John Williamson

Levee Mile Report Line	29
Start Levee Mile	4.51
End Levee Mile	4.51
Location	Water Side
Category	Earthen Levee
Item	Encroachments

piles of prunnings

johngw_s_20100512_174.jpg



Levee Mile Report Line	30
Start Levee Mile	4.56
End Levee Mile	4.56
Location	Water Side
Category	Earthen Levee
Item	Encroachments

prunnings left in piles

johngw_s_20100512_173.jpg



Levee Mile Report Line	31
Start Levee Mile	4.74
End Levee Mile	4.74
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

trees need to be trimmed

johngw_s_20100512_172.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 0537 Lovdal

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	1.19

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/22/2010 - 3/22/2010			
DWR Inspector	John Williamson			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0537 Lovdal

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Yolo Bypass						Left	1.19	03/22/2010 03/22/2010	John Williamson	
LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	1.10	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.597271 ° -121.577269 °	38.582751 ° -121.568930 °	4 Y
2	0.19	0.19	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: spray and remove berries	38.594757 ° -121.575737 °	38.594757 ° -121.575737 °	3 Y
3	0.37	0.37	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: spray and cut out willows; continue controlling willows throughout the rock area	38.592276 ° -121.574652 °	38.592276 ° -121.574652 °	2 Y
4	1.00	1.00	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: cut and spray willows in rock area	38.584025 ° -121.569861 °	38.584025 ° -121.569861 °	1 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	1.19	03/22/2010 03/22/2010	John Williamson

Levee Mile Report Line	2
Start Levee Mile	0.19
End Levee Mile	0.19
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Berries and small willow in rip-rap

johngw_s_20100323_046.jpg



Levee Mile Report Line	3
Start Levee Mile	0.37
End Levee Mile	0.37
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

willows need to be sprayed and removed

johngw_s_20100323_047.jpg



Levee Mile Report Line	3
Start Levee Mile	0.37
End Levee Mile	0.37
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

willows looking up stream; need to remove willows

johngw_s_20100323_048.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	1.19	03/22/2010 03/22/2010	John Williamson

Levee Mile Report Line	4
Start Levee Mile	1.00
End Levee Mile	1.00
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

willows need to be sprayed and removed

johngw_s_20100323_049.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
U : Unacceptable N : Not Inspected